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GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

1 April 1962

MEMORANDUM FOR: Holders of GMAIC-Deployment Working Group Report,
Soviet Surface-to-Surface Missile Deployment (Control
[redacted] dated 1 January 1962

SUBJECT : Listings of GMAIC Evaluations on Soviet Surface-to-Surface Missile Deployment Locations

1. Attached are the GMAIC approved evaluations of all locations which have been examined in detail by its Deployment Working Group with the objective of determining the likelihood of their being long range surface-to-surface missile launch sites. About 235 named locations or areas were examined and listed, but in some cases proximate locales or alternate names have been grouped so that only 181 actual evaluations have been indicated. The listings include those places analyzed in detail in the GMAIC-DWG Report, Soviet Surface-to-Surface Missile Deployment, (Control No. [redacted] dated 1 January 1962. Both are considered sensitive and should be handled on a strict need to know basis.

2. It should be noted that all suspect locations are subject to continuous review. Even when a location has been evaluated as negative, all evidence including [redacted] photography will continue to be reviewed for deception, new construction, and unrecognized configurations. The evaluations assigned are based on the latest data and are subject to change as new evidence is made available. Accordingly, these listings will be revised periodically to reflect additions and changes in evaluations.

3. Since evaluations are based on all-source evidence, the evaluations contained herein will differ from those at other classification levels. Therefore, a sanitized version of the attached listings of locations and evaluations will be prepared and distributed by GMAIC at the TOP SECRET [redacted] level for use by those agencies or personnel not having access to [redacted] information. Revisions to the TOP SECRET [redacted] listings will also be distributed by GMAIC periodically.

4. Although some of the locations listed in Table 4 may have some functional relationship to the Soviet missile program, the assessments are limited to launching facilities. Only major differences in assessments are indicated in footnotes on the bottom of the pages. The following evaluation criteria are used by the GMAIC-DWG:

NOTE: This document is releasable to properly cleared [redacted] personnel on a strict need-to-know basis.

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DECLASS REVIEW by NIMA/DOD

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CONFIRMED

Evidence verifies the installation as an SSM complex, site or area, either operational or under construction.

PROBABLE

A probable SSM complex, site or area is one whose existence has been confidently deduced on the basis of extensive reliable evidence which is highly indicative of an SSM complex, site or area, either operational or under construction.

POSSIBLE

A possible SSM complex, site or area is one whose existence has been deduced on the basis of evidence which is suggestive of an SSM complex, site or area, either operational or under construction.

Undetermined

Available evidence does not provide sufficient information to permit a judgment as to a positive missile association or elimination of this location from consideration.

Doubtful

The available evidence and other evaluation factors suggest other activity at this location.

Negative

A rejected or negative site or area is one on which available evidence provides firm indication that it is not an SSM complex, site or area.

[REDACTED]
Colonel, USAF
Chairman

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ATTACHMENTS

- Table 1 - Summary of Evaluations
- Table 2 - Summary Evaluation of ICBM Deployment Locations
- Table 3 - Summary Evaluation of MRBM Deployment Locations
- Table 4 - List of Locations Considered in Detail

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TABLE 1

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SUMMARY OF EVALUATIONS

	<u>ICBM</u>	<u>MRBM</u>
Confirmed	7	51
Probable	1	2
Possible	1	5
Undetermined	3	12
Doubtful	5	6
Negative	163	102
Confirmed R&D	<u>1*</u>	<u>3**</u>
TOTAL	181	181

* Tyura Tam Test Range.

** Kapustin Yar, Chelkar and Makat

NOTE: The above figures represent all the locations evaluated by the DWG and listed in Table 4. The confirmed locations could be either sites or complexes. ICBM complexes are considered to have two or more sites with each site having two launch pads. MRBM complexes contain two sites with four launch pads per site. Refer to Tables 2 and 3 for ICBM and MRBM deployment locations.

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SUMMARY EVALUATION OF ICBM DEPLOYMENT LOCATIONS

<u>EVALUATION</u>	<u>LOCATION</u>	<u>NO. OF SITES</u>	<u>NO. OF PADS</u>	<u>CONSTRUCTION STATUS/ DATE OF PHOTOGRAPHY*</u>	<u>REMARKS</u>
Confirmed	ITATKA	1	2		One additional possible launch site under construction was tentatively identified on photography of []
	KOSTROMA	2	4		A probable area for a third launch site was noted on photography of []
	SHADRINSK	2	4		
	TEYKОВО	2	4		
	VERKHNYAYA SALDA	5	10		Four sites appear to be in late stage of construction and one site in mid stage of construction.
	YOSHKAR-OLA	2	4		
	YURIA	4	8		
Probable	PLESETSK	-	-		[] photography reveals a large, secure, SAM defended installation near Plesetsk. The function of this installation has not been determined from photography. [] and collateral information on the area indicates the installation is military and probably an ICBM deployment area.
Possible	OMSK	-	-		Unidentified construction NE of OMSK was noted in [] photography and may possibly be an ICBM complex in an early stage of construction. Although launch sites are not evident at this time, rail and road networks resemble those at confirmed ICBM complex support facilities and transfer points.

*Current estimates indicate an 18 to 24 month period for ICBM launch complex construction.

These locations are also tabulated in Table 4.

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TABLE 3

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SUMMARY EVALUATION OF PROPOSED DEPLOYMENT LOCATIONSCONFIRMED

ALUKSNE LAUNCH SITE	KARABABAU LAUNCH SITE	RUZHANY LAUNCH COMPLEX
BALTA LAUNCH COMPLEX	KOROSTEN' LAUNCH SITE	SATEIKIAI LAUNCH COMPLEX
BARANO-ORENBURGSKOYE LAUNCH COMPLEX	KOZYATSI LAUNCH SITE	SKALA PODOLSKAYA LAUNCH COMPLEX
BELOKOROVICHI LAUNCH COMPLEX	KROLEVE LAUNCH SITE	SLONIM LAUNCH COMPLEX
BORKOVICHI LAUNCH SITE	KURGANCHA LAUNCH COMPLEX	SMORGON LAUNCH SITE
DISNA LAUNCH COMPLEX	LIDA LAUNCH COMPLEX	SOKAL LAUNCH SITE
DOLINA LAUNCH COMPLEX	MOLOSKOVITSY LAUNCH SITE	SOVETSK LAUNCH COMPLEX
DROGOBYCH LAUNCH COMPLEX	MUKACHEVO LAUNCH COMPLEX	TORVA LAUNCH COMPLEX
DUNAYEVTSY LAUNCH SITE	NADVORNAYA LAUNCH COMPLEX	UKMERGE LAUNCH COMPLEX
GODYKHA LAUNCH SITE	OSTROV LAUNCH COMPLEX	UMAN LAUNCH COMPLEX
GOMEL' LAUNCH COMPLEX	PAPLAKA LAUNCH COMPLEX	USOVO LAUNCH COMPLEX
GRANOV LAUNCH SITE	POLOTSK LAUNCH COMPLEX	VORU LAUNCH COMPLEX
GRESK LAUNCH COMPLEX	POSTAVY LAUNCH SITE	VSELYUB LAUNCH COMPLEX
GUSEV LAUNCH COMPLEX	PRUZHANY LAUNCH COMPLEX	YATSUKI LAUNCH COMPLEX
GVARDEYSK LAUNCH SITE	RAGNIT LAUNCH COMPLEX	YEL'SK LAUNCH COMPLEX
JELGAVA LAUNCH COMPLEX	RAKVERE LAUNCH COMPLEX	ZAGARE LAUNCH COMPLEX
JONAVA LAUNCH SITE	RISTA LAUNCH SITE	ZNAMENSK LAUNCH COMPLEX

PROBABLE

KURITICHI LAUNCH SITE
 NOVOSYSOYEVKA LAUNCH SITE

POSSIBLE

KREMOVO LAUNCH SITE
 NOVOLITOVSK AREA
 SUCHAN AREA
 TAURAGE AREA
 YEKATERINOVKA AREA

NOTE: These locations are also tabulated in Table 4.

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LIST OF LOCATIONS CONSIDERED IN DETAIL

PLACE NAME	EVALUATION	
	ICBM	MRBM
AKMOLINSK	Negative	Negative
ALMA ATA	Negative	Negative
ALSUNGA (See KULDIGA Area)		
ALUKSNE	Negative	Confirmed
ALYKEL ¹	Negative	Negative
ARAL'SK	Negative	Negative
ARKHANGEL'SK	Negative	Negative
ASANOVSECHINO (See OSTROV)		
AY PETRI	Negative	Negative
BALAKLAVA ²	Negative	Negative
BALTA	Negative	Confirmed
BARANO-ORENBURGSKOYE	Negative	Confirmed
BAUTINO ³	Negative	Negative
BELAYA TSERKOV' ⁴	Negative	Negative
BELOKOROVICHI	Negative	Confirmed
BERDICHEV	Negative	Negative
BEREGOVO (See MUKACHEVO)		
BEREZOVKA (SARATOV-LINGELS Area)	Negative	Negative
BERINGOVSKIY	Negative	Negative
BORKHOV (See GOMEL')		
BORKOVICHI	Negative	Confirmed
BORSHCHEV (See SKALA PODOL'SKAYA)		
BREST (See PRUZHANY)		
BYTEN (See SLOVIN)		
CHAKALOV (See ORENBURG)		
CHAPAYEVSK	Negative	Negative

- 1/ For ICBM - four negative, one undetermined.
 2/ Probable naval associated cruise missile test facility.
 3/ ASM Test Range.
 4/ For MRBM - four negative, one undetermined.

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E V A L U A T I O N

ICBM

MRBM

PLACE NAME

SHEIKAR

Negative

Confirmed R&D

CHERPOVETS ¹

Undetermined

Undetermined

DAUGAVPILS

Negative

Negative

DZHEKATIN

Negative

Negative

DISNA

Negative

Confirmed

DOLINA

Negative

Confirmed

DOLON'

Negative

Negative

DONOK

Negative

Negative

DROGOBYCH

Negative

Confirmed

DUNAEVTSY

Negative

Confirmed

DUNDAGA (See KULDIGA)

DURBE (See PAPLAKA)

ENGEL'S (See SARATOV)

FEODOSIYA ²

Negative

Negative

FRUNZE

Negative

Negative

GLAZOV ³

Negative

Negative

GODYKHA

Negative

Confirmed

GOMEL'

Negative

Confirmed

GORODOK (INOV Area)

Negative

Undetermined

GRANOV

Negative

Confirmed

GRESK

Negative

Confirmed

GROBINA (See PAPLAKA)

GRODEKOVO (See BARANO-ORENBURGSKOYE)

GUSEV

Negative

Confirmed

GVARDEYSK

Negative

Confirmed

HIUMAA ISLAND

Negative

Negative

IECAVA (See JELGAVA)

IRKUTSK

Negative

Negative

ITATKA

Confirmed

Negative

IUL'TIN

Negative

Negative

JELGAVA

Negative

Confirmed

1/ For ICBM - four undetermined, one negative.

2/ Possible cruise missile facility.

3/ For ICBM - four negative, one undetermined.

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PLACE NAME	EVALUATION	
	ICBM	MRBM
JONAVA	Negative	Confirmed
KAMENETS PODOLSKIY (See DUNAYEVTSY)		
KAMYSHIN	Doubtful	Negative
KANDAGACH	Doubtful	Doubtful
KANDALAKSHA	Negative	Doubtful
KAPUSTIN YAR	Negative	Confirmed R&D
KARABABAU	Negative	Confirmed
KARANGIT ¹	Negative	Negative
KARKARALINSK	Negative	Negative
KEDAINAI ²	Negative	Negative
KHAAPSALU (See RISTA)		
KHABAROVSK	Negative	Undetermined
KHASHURI	Negative	Negative
KHVALINSK ³	Negative	Negative
KHYROV ⁴	Negative	Undetermined
KIEV	Negative	Negative
KINESHMA	Negative	Negative
KIRENSK	Doubtful	Negative
KLAIPEDA	Negative	Doubtful
KLESOV (See SARNY)		
KOLGOMPYA	Negative	Negative
KONKOVITCHI (See KURITICHI)		
KOROSTEN'	Negative	Confirmed
KOSTROMA	Confirmed	Negative
KOZYANY	Negative	Confirmed
KRASKINO	Negative	Negative
KRASNOARMEYSKOYE (See BEREZOVKA)		
KRASNOYARSK ⁵	Negative	Negative

- 1/ Possible cruise missile facility.
 2/ For MRBM - three negative, one undetermined, one possible.
 3/ For ICBM - three negative, one doubtful, one undetermined.
 4/ For MRBM - three undetermined, one possible, one negative.
 5/ For ICBM - four negative, one undetermined.

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PLACE NAME

ICBM

MRBM

KRASNOZNAMENSK (See RAGNIT)

KREMOVO

Negative

Possible

KRISTANOPOL (See SOKOL)

KROLEVETS

Negative

Confirmed

KULDIGA Area

Negative

Undetermined

KURBANCHA

Negative

Confirmed

KURITICHI

Negative

Probable

KURMENI (See MARCIANA/MADONA)

KYSETYIM

Negative

Negative

LIDA

Negative

Confirmed

L'VOV

Negative

Negative

LYALICHI (See KREMOVO)

MAKAT

Negative

Confirmed R&D

MALAYA SAZANKA

Negative

Negative

MANKOVKA (See UMAN')

MARCIANA/MADONA

Negative

Undetermined

MEDENITSA (See DROGOBYCH)

MEDVED' 1

Negative

Negative

MOLODETSKOYE (See UMAN')

MOLOSKOVITSY

Negative

Confirmed

MONPYGINO

Negative

Negative

MOZHAYSK

Negative

Negative

MUKACHEVO

Negative

Confirmed

MURMANSK 2

Doubtful

Doubtful

NADVORNAYA

Negative

Confirmed

NIZHNYAYA SALDA (See VERKHNYAYA SALDA)

NIZHNYAYA TURA (See VERKHNYAYA SALDA)

NORIL'SK 3

Negative

Negative

NOVAYA MEZINOVKA 4

Negative

Negative

NOVOLITOVSK

Negative

Possible

- 1/ For MRBM - three negative, two undetermined.
- 2/ For ICBM - two doubtful, two negative, one undetermined.
- 3/ For ICBM - four negative, one undetermined.
- 4/ For MRBM - three negative, two undetermined.

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PLACE NAME	EVALUATION	
	ICBM	MRBM
NOVOSIBIRSK	Negative	Negative
NOVOSYSOYEVKA	Negative	Probable
NOVOVES (See NADVORNAYA)		
OBOZERSKAYA	Negative	Negative
OLEN'YA ¹	Negative	Negative
OLEVSK (See BELOKOROVICHI)		
OL'GOPOL' (See BALTA)		
OMSK	Possible	Negative
ORENBURG ²	Negative	Negative
OSTROV	Negative	Confirmed
OTAR	Negative	Negative
OVRUCH (See USOVO)		
PAPLAKA	Negative	Confirmed
PARYSHCHE (See NADVORNAYA)		
PERM' ³	Undetermined	Negative
PEVEK	Negative	Negative
PILTENE (See KULDIGA Area)		
PLESETSK ⁴	Probable	Negative
POCHINOK	Negative	Negative
PODPOLOZ'YE ⁵	Negative	Undetermined
POLOTSK	Negative	Confirmed
POLTAVA	Negative	Negative
POLYARNYY URAL	Negative	Negative
POSTAVY	Negative	Confirmed
PROKHORY (See SPASSK DAL'NIY)		
PROVIDENYA ⁶	Negative	Undetermined
PRUZHANY	Negative	Confirmed
RAGNIT	Negative	Confirmed

- 1/ For ICBM - four negative, one undetermined.
 For MRBM - four negative, one undetermined.
 2/ For ICBM - four negative, one undetermined.
 3/ For ICBM - three undetermined, one possible, one doubtful.
 4/ For ICBM - three probable, one possible, one undetermined.
 5/ For MRBM - three undetermined, two probable.
 6/ For MRBM - four undetermined, one negative.

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PLACE NAME	EVALUATION	
	ICBM	MRBM
RAKVERE	Negative	Confirmed
RISTA (See APSALU)	Negative	Confirmed
RUSKI (See ALUKSNE)		
RUZHANY	Negative	Confirmed
SAAREMAA ISLAND	Negative	Negative
SALANTAI (See SATEIKIAI)		
SALEKHARD	Negative	Negative
SAMLAND PENINSULA	Negative	Negative
SARATOV	Negative	Negative
SARNY	Negative	Doubtful
SAROVA	Negative	Negative
SARY OZEK (See KARABABAU)		
SARY SHAGAN ¹	Negative	Negative
SATEIKIAI	Negative	Confirmed
SEMIPALATINSK	Negative	Negative
SERGACH	Negative	Negative
SEVASTOPOL'	Negative	Negative
SHADRINSK	Confirmed	Negative
SHAGAN (See DOLON)		
SHEPETOVKA ²	Negative	Undetermined
SHIKHANY	Negative	Negative
SHISHCHITSY (See GRESK)		
SIMUNA (See RAKVERE)		
SKALA PODOL'SKAYA	Negative	Confirmed
SLAVSK (See SOVETSK)		
SLAVYANKA	Negative	Doubtful
SLITERE (See KULDIGA Area)		
SLONIM	Negative	Confirmed
SHORGON	Negative	Confirmed
SOFIYA ALEKSEYEVKA (See BARANO-ORENBURGSKOYE)		

1/ ABM R&D Facility.

2/ For ICBM - four negative, one undetermined.

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PLACE NAME	EVALUATION	
	ICBM	MRBM
SOKOL	Negative	Confirmed
SOLY (See SHORGON)		
SOVETSK	Negative	Confirmed
SOVETSKAYA GAVAN AREA ¹	Negative	Negative
SPASSK-DAL'NIY	Negative	Negative
STALINABAD ²	Negative	Undetermined
SUCHAN ³	Negative	Possible
SUDAK	Negative	Negative
SUROVATIKHA	Negative	Negative
SVALYAVA ⁴	Negative	Negative
SVERDLOVSK	Negative	Negative
SVOBODNY ⁵	Doubtful	Negative
TALLINN ⁶	Negative	Negative
TAMBOV	Negative	Negative
TASHARA	Negative	Negative
TASHKENT	Negative	Negative
TAURAGE AREA	Negative	Possible
TEYKOVO	Confirmed	Negative
TIKSI	Negative	Negative
TOMSK (See ITATKA)		
TOROPETS	Negative	Negative
TORVA	Negative	Confirmed
TUAPSE	Negative	Negative
TUKUMS	Negative	Negative
TYURA TAN	Confirmed R&D	Negative
UFA	Undetermined	Negative

- 1/ MRBM firings confirmed - no fixed sites in [REDACTED] photography.
- 2/ For MRBM - three undetermined, two negative.
- 3/ For MRBM - three possible, one undetermined, one doubtful.
- 4/ For MRBM - four negative, one undetermined.
- 5/ For ICBM - three doubtful, one negative, one undetermined.
- 6/ For ICBM - four negative, one undetermined.
- For MRBM - three negative, one doubtful, one possible.

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EVALUATION

PLACE NAME

ICBM

MRBM

PLACE NAME	ICBM	MRBM
UGOL'NYYE KOP ¹	Negative	Negative
UKMERGE	Negative	Confirmed
UKRAINA	Negative	Negative
ULAN UDE	Negative	Negative
UMAN'	Negative	Confirmed
USOVO	Negative	Confirmed
USSURISK VOZDVIZHENKA	Negative	Negative
UST'-UKHTA	Negative	Negative
UZHGOROD	Negative	Undetermined
VAKIE MAARJA (See RAKVERE)		
VALDAY	Negative	Negative
VERKHNYAYA SALDA	Confirmed	Negative
VEPRIAI (See UKMERGE)		
VIESVILLE (See RAGNIT)		
VINNIKI (See L'VOV)		
VINNITSA ²	Negative	Negative
VLADIVOSTOK	Negative	Negative
VOLKOVYSK ³	Negative	Negative
VOLOGDA/SOKOL ⁴	Negative	Negative
VOLOVETS	Negative	Undetermined
VORKUTA	Negative	Negative
VORU	Negative	Confirmed
VSELYUB	Negative	Confirmed
YAKUTSK	Negative	Negative
YASVA (See VERKHNYAYA SALDA)		
YATSUKI	Negative	Confirmed
YEKATERINOVKA	Negative	Possible
YELSK	Negative	Confirmed
YOSHKAR-OLA	Confirmed	Negative

- 1/ For MRBM - two negative, two doubtful, one undetermined.
 2/ For MRBM - three negative, one undetermined, one doubtful.
 3/ For MRBM - three negative, two undetermined.
 4/ For ICBM - three negative, one undetermined, one doubtful.

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EVALUATION

ICBM

MREM

YURYA
YURYUZAN
ZAGARE
ZELKI (See DISNA)
ZHEREBKOV (See BALTA)
ZHITOMIR (See GODYKHA)
ZNAMENSK

Confirmed	Negative
Negative	Negative
Negative	Confirmed
Negative	Confirmed

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